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10/648,190 Examiner

**Hemant Patel** 

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Applicant(s)/Patent under Reexamination

YASUKAWA ET AL.

Art Unit

2614

√ Rejected
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Restricted

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| Cla             | aim   | Date                                  |           |          |              |  |          |              |  |                 |
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| <del>  ``</del> |   | $\vdash$                              |           |          |              |  |          |              |  |                 |
| Final           | Original  | 9/28/06                               |           |          |              |  |          |              |  |                 |
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|                 | 2   | Œ                                     |           |          |              |  |          |              |  |                 |
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|                 | 5   | ٧,                                    |           |          | <u> </u>     | ↓_   | <u> </u> | <u> </u>     | 1  | Ш               |
|                 | 6   | \ <del>\</del>                        |           | Н_       | <del> </del> | ـــ  | <u> </u> | ⊢            | ╄  | Н               |
| <u> </u>        | -/  | ٧                                     | H         | -        | <u> </u>     | ⊦−   | ├        | ╁            | ╁  | $\vdash$        |
|                 | -   | ├                                     | H         | $\vdash$ | <u> </u>     | <del>[                                    </del> | ┢        | -            | ┼  | -               |
|                 | 10  |                                       | -         | ┝        | ╁            | ╁  | ╁        | -            | +  | -               |
| _               | 11  | $\vdash$                              | H         | -        | ╁╌           | +-   | $\vdash$ | +-           | $\vdash$   | $\vdash$        |
|                 | 12  | Н                                     |           | -        |              | †-   | $\vdash$ | H            | $\vdash$   | Н               |
|                 | 13  | Г                                     | $\vdash$  | _        | 1            | t  | Т        | t            | t  | H               |
|                 | 14  | Г                                     | Г         | Г        | T            | Π  | Π        | 1            | 1-   | Н               |
|                 | 15  |                                       |           |          |              |  | Т        |              | T  | П               |
|                 | 16  |                                       |           |          |              |  |          |              |  |                 |
|                 | 17  |                                       |           | L.       |              |  |          |              |  |                 |
|                 | 18  |                                       | <u> </u>  | L        | L            |  |          |              |  |                 |
|                 | 19  |                                       |           |          |              |  |          | $oxed{oxed}$ | L  | Ш               |
|                 | 20  |                                       |           | _        | _            | <u> </u>   | _        | <u> </u>     | L  | Ц               |
|                 | 21  |                                       |           | _        | ╙            | _  | _        |              | <u> </u>   |                 |
|                 | 22  |                                       |           | _        | <del> </del> |  | <u> </u> | _            | ⊢  | -               |
|                 | 23  | _                                     |           |          |              | <u> </u>   | ⊢        | <u> </u>     | ┢  | Н               |
|                 | 25  |                                       |           | _        | ├-           | ⊢  | ⊢        | ⊢            | $\vdash$   | Н               |
|                 | 26  |                                       |           | -        |              |  |          | ┢╌           | ├  | Н               |
|                 | 27  |                                       |           | $\vdash$ | $\vdash$     | -  | -        | ┢            | <del>                                     </del> | $\vdash$        |
|                 | 28  |                                       |           |          |              | -  | -        |              | <b>†</b>   | Н               |
|                 | 29  |                                       |           |          |              | $\vdash$   |          | _            | $\vdash$   | Н               |
|                 | 30  |                                       |           |          | -            | <del>                                     </del> |          |              | <del>                                     </del> | П               |
|                 | 31  |                                       | _         |          |              | $\Box$   |          | Г            |  | П               |
|                 | 32  |                                       |           |          |              |  |          |              |  |                 |
|                 | 33  |                                       |           |          |              |  |          |              |  |                 |
|                 | 34  |                                       |           |          |              |  |          | _            |  |                 |
|                 | 35  |                                       |           |          | _            | <u>_</u>   | _        | L            | <u>_</u>   | Ц               |
|                 | 36  | _                                     | _         | _        | <u> </u>     | <u> </u>   | _        | <u> </u>     | <u> </u>   | Ы               |
|                 | 3/  | _                                     | _         | _        | <u> </u>     | -  | <u> </u> | _            | <u> </u>   | Н               |
|                 | 39  |                                       | -         |          | $\vdash$     | H  | ⊢        | _            |  | -               |
|                 | 40  | -                                     | _         | _        |              | _  |          |              | ┢  | Н               |
|                 | 41  | $\dashv$                              | -         | _        | $\vdash$     |  | $\vdash$ | ├            | ┢  | $\vdash$        |
|                 | 42  |                                       | -         | _        | $\vdash$     |  | $\vdash$ | 一            | -  | $\vdash \vdash$ |
| -               | 43  | $\dashv$                              | $\dashv$  | _        |              | _  | _        | $\vdash$     | $\vdash$   | H               |
|                 | 44  | $\exists$                             |           | _        | $\vdash$     |  | _        | $\vdash$     | $\vdash$   | $\vdash$        |
|                 | 45  | $\dashv$                              | $\exists$ | _        | _            |  |          | T            | T  | Ħ               |
|                 | 46  |                                       |           |          |              |  |          | Г            | Г  | П               |
|                 | 47  |                                       |           |          |              |  |          |              |  |                 |
|                 | 48  |                                       |           |          |              |  |          |              |  |                 |
|                 | 49  |                                       |           |          |              |  |          |              |  |                 |
|                 | 50  |                                       |           |          |              |  |          |              |  |                 |

| CI       | aim            | Date     |          |  |              |              |              |              |  |          |
|----------|----------------|----------|----------|--|--------------|--------------|--------------|--------------|--|----------|
| Final    | Original       |          |          | :  |              |              |              |              |  |          |
|          | 51             | ╁        | $\vdash$ | ╁  | $\vdash$     | +            | ┢            | $\vdash$     |  | $\vdash$ |
|          | 52             |          |          | 1  |              |              | 1            | 1            | <u> </u>   | Т        |
|          | 53             | T        | T        | <u> </u>   | 1            |              |              | Г            | 1  | Т        |
|          | 54             | 1        | T        | ✝  | $\vdash$     |              | $\vdash$     |              |  | Т        |
|          | 55             |          | Π        | 1  |              | Ì            |              |              |  |          |
|          | 56             |          |          |  |              |              |              |              |  |          |
|          | 57             |          | L        | oxed   |              |              |              | L.           | L  |          |
| L        | 58             | <u> </u> | <u> </u> | _  | _            |              | L            | _            | L  | L        |
| <u> </u> | 59             | <u> </u> | <u> </u> | <u> </u>   |              | 1            |              | _            | <u> </u>   | L        |
|          | 60             | <u> </u> | <u> </u> | ļ  | ļ            | Ļ            | <u> </u>     | <u> </u>     | _  |          |
|          | 61             | ـ        | ╙        | <del> </del>                                     | ļ            | <u> </u>     | <u> </u>     | ļ            | _  |          |
| <u> </u> | 62             |          | ⊢        | ├-   | <del> </del> |              | <del> </del> | ├            | -  | _        |
| -        | 63             |          | -        | $\vdash$   | ₩            | ├            | ⊢            | $\vdash$     | ├-   | <u> </u> |
| -        | 64             | $\vdash$ | $\vdash$ | ┼  | -            | ├            |              | ├-           | -  | $\vdash$ |
|          | 65             | 1        | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     | ├            | $\vdash$     | $\vdash$   | $\vdash$ |
|          | 66<br>67       | -        |          | ╁╌   | -            |              | ⊢            | ├            | ├  | -        |
|          | 68             | ┢        | ╁        | ╁  | -            | ├            | ├-           | <del> </del> | <del> </del>                                     | _        |
| <u> </u> | 69             | $\vdash$ | $\vdash$ | ╁  | <del> </del> | ├            |              | ┝            | <del>                                     </del> | $\vdash$ |
|          | 70             | $\vdash$ | ┢        | $\vdash$   | 1            | ┢            | $\vdash$     | ┢            | $\vdash$   | ┢        |
|          | 71             | T        |          | <del>                                     </del> |              |              | 一            | $\vdash$     |  | -        |
|          | 71<br>72<br>73 | 1        | 1        | 1  | 1            | ┢            | ┢            | _            |  | $\vdash$ |
|          | 73             | Г        | Г        | $\vdash$   | $\vdash$     | ┢            | $\vdash$     | Г            | $\vdash$   |          |
|          | 74             |          |          | T  |              |              | Г            |              |  | Г        |
|          | 75             |          |          |  |              |              |              | ·            |  |          |
|          | 76             |          |          |  |              | L            | _            |              |  |          |
|          | 77             |          |          | 乚  |              |              |              |              |  |          |
| <u> </u> | 78             | _        |          | ļ  | _            |              |              |              |  | _        |
| ļ        | 79             | <u> </u> | <u> </u> | _  | L            | L            | <u> </u>     | _            | _  |          |
|          | 80             |          | _        | ╙  | _            |              | _            | _            | _  |          |
|          | 81             |          | <u> </u> | ļ  | _            |              |              | _            |  | _        |
| -        | 82<br>83       | <u> </u> | _        | <u> </u>   | <u> </u>     | $\vdash$     |              |              |  |          |
| -        | 83             |          | <u> </u> | ⊢  |              | <u> </u>     |              | _            | <u> </u>   | _        |
| -        | 84<br>85       | -        | -        | -  | $\vdash$     | <del> </del> | <del> </del> | $\vdash$     | $\vdash$   |          |
|          | 86             | -        | -        | $\vdash$   | $\vdash$     | $\vdash$     | -            | $\vdash$     | $\vdash$   | _        |
|          | 87             |          |          | ⊢  | $\vdash$     | -            | -            | ⊢            | $\vdash$   | _        |
|          | 88             |          |          | ├  |              | $\vdash$     |              | ┢            |  | -        |
|          | 89             |          | _        | -  | ┢─           | ┢            |              | ┢            |  |          |
|          | 90             |          |          | $\vdash$   | ┢            | $\vdash$     |              | _            |  | _        |
|          | 91             |          | _        | <del>                                     </del> | $\vdash$     | Т            | П            |              | Г  |          |
|          | 92             |          |          |  |              | Г            | П            |              | П  |          |
|          | 93             |          |          | Г  |              |              |              |              |  |          |
|          | 94             |          |          |  |              |              |              |              |  |          |
|          | 95             |          |          |  |              |              |              |              |  |          |
|          | 96             |          |          |  |              |              |              |              |  |          |
|          | 97             |          |          |  |              |              |              |              |  |          |
|          | 98             |          |          | $\Box$   |              |              |              |              |  |          |
|          | 99             | Ш        |          | L  | <u> </u>     | Ш            | Ш            | _            | $oxed{oxed}$                                     |          |
|          | 100            |          |          |  | Į            | i            |              |              |  |          |

| CI   | aim               | Γ  |  |          | - (           | Date   | <u>—</u>   |  |          |          |
|--|-------------------|--|--|----------|---------------|--|--|--|----------|----------|
|  | 1                 | _  | Γ  | П        |               |  |  | П  | Ι        | П        |
| Final  | Original          |  |  |          |               |  |  |  |          |          |
|  | 101<br>102<br>103 |  |  |          |               |  |  |  |          |          |
| 1  | 102               | l  | _  |          |               |  |  | <u>L</u> .                                       |          |          |
|  | 103               |  |  |          |               |  |  |  |          |          |
|  | 104               |  |  |          |               |  |  |  |          |          |
|  | 104<br>105        |  |  |          |               |  |  |  |          |          |
|  | 106               |  |  |          |               |  |  |  |          |          |
|  | 107               | L  |  |          | <u> </u>      |  |  | L  | _        |          |
|  | 108               | L  |  |          | L             | L  | L  | _  | _        | Ш        |
|  | 109<br>110        | L  |  |          |               |  | L  | _  | _        | Ш        |
|  | 110               | _  |  | _        | <u> </u>      |  |  | _  | L        |          |
|  | 111               | _  | L_   |          | <u></u>       |  | _  |  | ļ        |          |
|  | 112               | <u> </u>   | L  | _        |               |  | _  |  | ļ        |          |
|  | 112<br>113<br>114 | _  | <u> </u>   | <u> </u> | _             | _  | <u> </u>   | <u> </u>   | <u> </u> | Ш        |
| <u> </u>   | 114               | <u> </u>   |  | <u> </u> | <u> </u>      | ├  | <u> </u>   | ⊢  |          | _        |
|  | 115<br>116        | -  | $\vdash$   | -        | -             |  | ⊢  |  | <u> </u> |          |
|  | 117               | -  | <del> </del>                                     | -        |               | ⊢  | ┢  | ├  | $\vdash$ | Н        |
| <u> </u>   | 118               | -  | -  |          | -             | -  | ┝  | -  | $\vdash$ |          |
| <del>                                     </del> | 119               | -  |  |          |               | $\vdash$   | -  | $\vdash$   | -        |          |
| <u> </u>   | 120               | <del>  -                                    </del> |  |          |               | <u> </u>   |  | -  | -        |          |
|  | 121               | $\vdash$   | ┞  | $\vdash$ |               | $\vdash$   | <u> </u>   | _  |          | H        |
|  | 120<br>121<br>122 | <del>                                     </del>   | <del>                                     </del> |          |               | <del>                                     </del> | -  | -  |          | П        |
|  | 123<br>124        | $\vdash$   | T  | $\vdash$ |               |  |  |  |          |          |
|  | 124               |  | Г  | $\vdash$ |               |  |  |  |          |          |
|  | 125               |  |  |          |               |  |  |  |          |          |
|  | 126<br>127<br>128 |  |  |          |               |  |  |  |          |          |
|  | 127               |  |  | _        |               |  |  |  |          | Ш        |
|  | 128               |  |  |          |               | _  | <u> </u>   | _  | _        | Ш        |
|  | 129<br>130        |  | L_   | _        | _             | _  | _  | <u> </u>   | Ļ        |          |
|  | 130               | _  | _  |          | <u> </u>      | <u> </u>   | _  | <u> </u>   | <u> </u> | -        |
|  | 131<br>132        | _  | -  |          | _             | <u> </u>   | <u> </u>   | -  | -        |          |
|  | 133               | -  | -  |          | $\vdash$      | -  | ┢  | <u> </u>   | ⊢        |          |
| _  | 134               |  |  |          | $\vdash$      | $\vdash$   | $\vdash$   |  | $\vdash$ | $\vdash$ |
|  | 135               | -  | $\vdash$   | -        | <del> -</del> |  | -  | <del>                                     </del> |          | Н        |
|  | 136               | $\vdash$   | ┢  |          | -             | -  | _  | <del>                                     </del> | ┢        | $\vdash$ |
|  | 137               | $\vdash$   | $\vdash$   | 1        |               |  | <del>                                     </del> | -  | Т        | $\vdash$ |
| -  | 137<br>138        |  | Г  |          | Т             | Г  |  |  | Γ        | М        |
|  | 139               |  |  |          |               |  |  |  |          |          |
|  | 140               |  |  |          |               |  |  |  |          |          |
|  | 141               |  |  |          |               |  |  |  |          |          |
|  | 142               |  |  | $\Box$   |               | $oxedsymbol{oxed}$                               | _  |  | _        | Ш        |
|  | 143               | L  | _  | <u> </u> |               | <u> </u>   |  | _  |          | $\sqcup$ |
|  | 144               |  | <u> </u>   | ļ        | L.,           | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u> | Щ        |
|  | 145               |  | <u> </u>   | <u> </u> |               | $\vdash$   |  |  | <u> </u> | $\sqcup$ |
|  | 146<br>147        |  |  | _        | -             | $\vdash$   | _  |  | _        | _        |
|  | 147               |  |  | $\vdash$ | -             | $\vdash$   | <u> </u>   | <del>-</del>                                     | <u> </u> | $\vdash$ |
|  | 148               |  | $\vdash$   | _        |               |  | _  | -  |          |          |
|  | 150               |  | H  | $\vdash$ | -             | -  |  |  |          | $\vdash$ |
|  | 100               |  |  | لـــــا  |               |  |  | Ц.,  |          |          |